

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("160465" "0038564" "6065211" "6299242" "6520215").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:58
S2	753	72/369.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:15
S3	32	72/466.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:38
S5	300	72/150.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:39
S6	0	("2005/0092053").URPN.	USPAT	OR	ON	2006/03/01 10:49
S7	7	("3348402"   "4777006"   "5471857"   "5718048"   "5809818"   "6122948").PN. OR ("6810705").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:54
S8	4	("3348402").URPN.	USPAT	OR	ON	2006/03/01 10:55
S9	107	72/369.ccls. and roller\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:59
S10	17	("1908373"   "2936019"   "3229489"   "3293897"   "3665601"   "3691617"   "4009601"   "4022019"   "4137743").PN. OR ("4432123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 12:44
S11	6	("3229489").URPN.	USPAT	OR	ON	2006/03/01 12:46
S12	3	("1908373").URPN.	USPAT	OR	ON	2006/03/01 12:48
S13	42	72/369.ccls. and (sand or granules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 12:51

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S14	8	("1777120"   "3362061"   "4527411"   "4768580"   "5124225").PN. OR ("5226476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:03
S15	7	("2401542"   "3110754"   "3841138").PN. OR ("3885412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:07
S16	7	("3343250"   "3488827").PN. OR ("3756053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:25
S17	187	"stainless steel" and (sand or gradules) and liquid and (core or mandrel) and (tube or pipe) and (spring or sprung or coil) and (seal or plug) and roller\$1	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:29
S18	7	"stainless steel" and (sand or gradules) and liquid and (core or mandrel) and ((bend or bent) adj (tube or pipe)) and (spring or sprung or coil) and (seal or plug) and roller\$1	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:31
S19	15	"stainless steel" and (sand or gradules) and liquid and (core or mandrel) and ((bend or bent) adj (tube or pipe)) and (spring or sprung or coil) and (seal or plug)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:31
S20	13	("3343250").URPN.	USPAT	OR	ON	2006/03/01 13:33
S21	6	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and (quadrilateral or square or rectangle) near (tube or pipe) and "stainless steel"	US-PGPUB; USPAT	OR	ON	2006/03/01 16:11
S22	6	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and ((quadrilateral or square or rectangle) near (tube or pipe)) and "stainless steel"	US-PGPUB; USPAT	OR	ON	2006/03/01 15:17
S23	5	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and ((quadrilateral or square or rectangle) adj (tube or pipe)) and "stainless steel"	US-PGPUB; USPAT	OR	ON	2006/03/01 15:18
S24	23	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and ((quadrilateral or square or rectangle) adj (tube or pipe))	US-PGPUB; USPAT	OR	ON	2006/03/01 15:18
S25	6	("3343250"   "3756053").PN. OR ("5555762").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:45

## EAST Search History

S26	205	"stainless steel" and ((bent or bend) adj (tube or pipe)) and thickness and (".1" mm)	US-PGPUB; USPAT	OR	ON	2006/03/01 15:53
S27	0	"stainless steel" and ((bent or bend) adj (tube or pipe)) and thickness and (".1 mm")	US-PGPUB; USPAT	OR	ON	2006/03/01 15:53
S28	24	"stainless steel" and ((bent or bend) adj (tube or pipe)) and thickness and ("0.1 mm")	US-PGPUB; USPAT	OR	ON	2006/03/01 15:54
S29	4	"stainless steel" and ((bent or bend) adj (tube or pipe)) and (thickness near ("0.1 mm"))	US-PGPUB; USPAT	OR	ON	2006/03/01 16:05
S30	3	S1 and thickness	US-PGPUB; USPAT	OR	ON	2006/03/01 16:00
S31	3431	zhou.in.	US-PGPUB; USPAT	OR	ON	2006/03/01 16:00
S32	3	zhou.in. and ((tube or pipe) adj ben\$4)	US-PGPUB; USPAT	OR	ON	2006/03/01 16:01
S33	1	zhou.in. and ((tube or pipe) adj (bend or bent))	US-PGPUB; USPAT	OR	ON	2006/03/01 16:02
S34	7	zhou.in. and grille	US-PGPUB; USPAT	OR	ON	2006/03/01 16:02
S35	21	zhou.in. and tube and bend	US-PGPUB; USPAT	OR	ON	2006/03/01 16:02
S36	397	"stainless steel" and (core or mandrel) and (thickness near ("0.1 mm"))	US-PGPUB; USPAT	OR	ON	2006/03/01 16:05
S37	168	"stainless steel" and (core or mandrel) and (thickness near ("0.1 mm")) and tube	US-PGPUB; USPAT	OR	ON	2006/03/01 16:05
S38	5	"72"/\$.ccls. and "stainless steel" and (core or mandrel) and (thickness near ("0.1 mm")) and tube	US-PGPUB; USPAT	OR	ON	2006/03/01 16:06
S39	9	((bend or bent) adj (tube or pipe)) and ((quadrilateral or square or rectangle) near (tube or pipe)) and "stainless steel"	US-PGPUB; USPAT	OR	ON	2006/03/01 16:12
S40	44	72/369.ccls. and "stainless steel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:15

## EAST Search History

S41	173	72/466.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:32
S42	409	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:32
S43	106	(core or mandrel) and ((bend or bent) adj (tube or pipe)) and roller and square	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:32
S44	137	72/150.ccls. and (core or mandrel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:39
S45	3	("1908373").URPN.	USPAT	OR	ON	2006/03/02 07:45
S46	6	S44 and "stainless steel"	USPAT	OR	ON	2006/03/02 07:45